CLAIMS

WHAT IS CLAIMED IS:

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A fuel oil composition comprising a major proportion of a liquid hydrocarbon middle distillate fuel oil having a sulphur concentration of at most 0.05% by weight, and a minor proportion of a dispersant additive obtained by reacting, in a molar ratio A:B in the range 4:3 to 1:10, (A) a polyalkenyl derivative of monoethyleni¢ally unsaturated C₄-C₁₀ dicarboxylic acid material in which the number average molecular ψ eight (M_n) of the polyalkenyl chain is in the range from 850 to 1150 with (B) a polyamine of general formula

 $H_2N(CH_2)_m$ -[NH(CH₂)_m]_n-NH₂/

(1)

wherein m is in the range from 2 to 4 and n is in the range from 1 to 6.

- The fuel oil composition of Claim 1 wherein the polyalkenyl chain is derived from a 2. 10 polymer of at least one C2-C5 monoolefin.
 - The fuel oil composition of Claim 2 wherein the monoolefin is isobutylene. 3.
 - The fuel oil composition of Claim wherein n is in the range 1 to 3.

 The fuel oil composition of Claim wherein n is in the range 1 to 3. 4.
 - 5.
 - The fuel oil composition of Claim 1 wherein the molar ratio A:B is in the range 6:5 to 6 1:2.
 - The fuel oil composition of Claim 2 wherein the molar ratio A:B is in the range 6:5 to 7. 1:2

- 8. The fuel oil composition of Claim 4 wherein the molar ratio A:B is in the range 6:5 to 1:2.
- 9. The fuel oil composition of Claim 1 wherein the amount of dispersant additive is in the range of from 10 to 400 ppmw active matter based on total composition.
 - 10. The fuel oil composition of Claim 2 wherein the amount of dispersant additive is in the range of from 10 to 400 ppmw active matter based on total composition.
- 10 11. The fuel oil composition of Claim wherein the amount of dispersant additive is in the range of from 10 to 400 ppmw active matter based on total composition.
 - 12. The fuel oil composition of Claim 6 wherein the amount of dispersant additive is in the range of from 10 to 400 ppmw active matter based on total composition.
 - 13. The fuel oil composition of Claim 1 wherein the amount of dispersant additive is in the range of from 40 to 200 ppmw active matter based on total composition.
 - 14. The fuel oil composition of Claim 1 which additionally contains a lubricity additive in an amount in the range from 50 to 500 ppmw based on total composition.
 - 15. A process for the preparation of the fuel oil composition of Claim 1 which comprises admixing the dispersant additive or an additive concentrate containing the dispersant additive with the fuel oil.
 - 16. A process for the preparation of the fuel oil composition of Claim 15 which comprises admixing the dispersant additive or an additive concentrate containing the dispersant additive with the fuel oil.

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17. A method of operating a compression-ignition engine which comprises introducing into the combustion chambers of said engine the fuel oil composition of Claim 1.